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1	US 20050129139 A1	20050616	47	Tag tracking	375/295	
2	US 20050100120 A1	20050512	24	Wireless internet access system and method	375/347	375/267
3	US 20050094740 A1	20050505	18	Multiple-antenna partially coherent constellations for multi-carrier systems	375/267	
4	US 20050031045 A1	20050210	19	Methods and apparatus for synchronously combining signals from plural transmitters	375/260	
5	US 20040264585 A1	20041230	21	Signal constellations for multi-carrier systems	375/260	
6	US 20040227622 A1	20041118	46	Device and method for communicating data signals through multiple power line conductors	375/258	375/260
7	US 20040190636 A1	20040930	33	System and method for wireless communication systems	375/260	375/299; 375/346
8	US 20040141548 A1	20040722	31	Software adaptable high performance multicarrier transmission protocol	375/146	375/260
9	US 20040028146 A1	20040212	14	Method and apparatus for transferring multiple symbol streams at low bit-error rates in a narrowband channel	375/260	
10	US 20040005018 A1	20040108	28	Receiver and method for WLAN burst type signals	375/340	375/260
11	US 20030112878 A1	20030619	43	Inroute training in a two-way satellite system	375/259	
12	US 20020191703 A1	20021219	24	Method and apparatus for utilizing channel state information in a wireless communication system	375/267	
13	US 20020159537 A1	20021031	19	Multipath communication methods and apparatuses	375/267	375/279

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14	US 20020159531 A1	20021031	8	OFDM data demodulators synchronization	375/260	375/354
15	US 20020154705 A1	20021024	27	High efficiency high performance communications system employing multi-carrier modulation	375/267	375/261; 375/298; 375/299
16	US 20020044611 A1	20020418	12	Method of multiple-antenna wireless communication using space-time codes	375/267	
17	US 20010021229 A1	20010913	17	Method for matching transport channels within a composite channel, corresponding device and base station	375/295	
18	US 6965302 B2	20051115	38	Power line communication system and method of using the same		375/259
19	US 6959052 B2	20051025	25	Receiving apparatus, receiving method, program and information recording medium	375/340	370/206; 370/212; 375/260
20	US 6952455 B1	20051004	21	Adaptive antenna method and apparatus	375/267	375/299
21	US 6952454 B1	20051004	32	Multiplexing of real time services and non-real time services for OFDM systems	375/260	370/208; 370/480; 375/295; 375/340
22	US 6944236 B2	20050913	10	Method of multiple-antenna wireless communication using space-time codes	375/267	375/299
23	US 6937665 B1	20050830	25	Method and apparatus for multi-user transmission	375/260	370/210; 375/340
24	US 6868112 B2	20050315	11	Apparatus and method for detecting signals of space-time coding based on transmission diversity	375/147	370/204; 370/342; 370/470; 375/267; 375/342

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25	US 6844841 B1	20050118	12	Radio frequency link performance tool process and system	342/13	342/16; 342/165; 342/173; 342/175; 342/195; 342/450; 375/130; 375/140; 375/146; 375/147; 375/219; 375/295; 375/316; 455/84
26	US 6834043 B1	20041221	26	Method and device for exploiting transmit diversity in time varying wireless communication systems	370/310	370/203; 370/335; 370/342; 375/295; 375/347; 455/65; 455/69
27	US 6810087 B2	20041026	25	Ultra-wideband communications system	375/259	332/185; 380/33; 380/35
28	US 6771706 B2	20040803	22	Method and apparatus for utilizing channel state information in a wireless communication system	375/267	375/260; 375/296; 375/347; 375/349; 455/101
29	US 6760387 B2	20040706	35	Impulse radio receiver and method for finding angular offset of an impulse radio transmitter	375/267	
30	US 6510181 B1	20030121	14	Method and device for transmitting information, method and device for receiving information	375/259	375/295; 375/316
31	US 6493398 B1	20021210	47	Burst mode digital communications system	375/295	375/324

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32	US 6487252 B1	20021126	12	Wireless communication system and method for synchronization	375/260	370/320; 370/324; 370/330; 370/350; 370/481; 370/482; 370/503; 370/509; 370/513; 370/515; 375/142; 375/145; 375/149; 375/295; 375/316; 375/330; 375/342; 375/343; 375/355; 375/362; 375/364; 375/367
33	US 6473467 B1	20021029	29	Method and apparatus for measuring reporting channel state information in a high efficiency, high performance communications system	375/267	370/208; 370/210; 375/144; 375/260; 375/299; 375/347
34	US 6327310 B1	20011204	8	Wireless transmission method for antenna arrays, having improved resistance to fading	375/259	375/267; 375/346; 375/347

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35	US 6317688 B1	20011113	14	Method and apparatus for achieving sole means navigation from global navigation satelite systems	701/213	244/3.1; 244/3.2; 340/990; 340/994; 342/353; 342/357.0 8; 342/357.1 4; 375/259; 375/377; 701/214; 701/215; 701/220; 701/221
36	US 6314127 B1	20011106	18	System and method for enhancing signal reception	375/144	375/148; 375/267; 375/347; 375/349; 455/137
37	US 6239741 B1	20010529	10	UWB dual tunnel diode detector for object detection, measurement, or avoidance	342/135	342/118; 342/134; 342/175; 342/195; 342/21; 342/27; 342/70; 342/89; 375/295; 375/316; 375/340
38	US 6178207 B1	20010123	34	Aircraft combat training signal processing system	375/259	342/450; 375/316
39	US 6028900 A	20000222	17	Digital broadcast receiver	375/344	329/304; 375/260; 455/182.2

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40	US 5812598 A	19980922	32	Hearing assist system employing time variant modulation transmission to hearing aid	375/259	381/312; 381/321; 381/94.1; 381/94.8
41	US 5708679 A	19980113	26	Hitless ultra small aperture terminal satellite communication network	375/259	343/700M S; 343/795
42	US 5615229 A	19970325	33	Short range inductively coupled communication system employing time variant modulation	375/259	381/312; 381/314; 381/79; 455/41.1
43	US 5568516 A	19961022	39	Very low power cordless headset system	375/259	375/219; 375/258; 381/163; 455/41.1
44	US 5285480 A	19940208	15	Adaptive MLSE-VA receiver for digital cellular radio	375/348	370/337; 375/295; 375/341; 375/343; 708/319
45	US 5170413 A	19921208	17	Control strategy for reuse system assignments and handoff	375/260	370/332; 375/267; 375/347; 375/358; 455/59; 455/71
46	US 4837786 A	19890606	45	Technique for mitigating rain fading in a satellite communications system using quadrature phase shift keying	370/206	370/317; 370/535; 370/538; 370/543; 370/914; 375/138; 375/260; 375/267; 375/347; 375/349; 380/34

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47	US 4494238 A	19850115	23	Multiple channel data link system	375/141	375/267; 455/315; 455/506; 455/59
48	US 4347618 A	19820831	109	Apparatus for processing weather radar information	375/259	342/26D; 348/442; 455/9; 702/3
49	US 4153881 A	19790508	13	Early flood warning system	375/242	327/301; 340/539.1; 340/539.2 6; 340/620; 375/259; 73/304R
50	US 4104638 A	19780801	9	Cooperative type anti-collision radio system	342/455	340/825.6 9; 375/295; 455/79
51	US 4066964 A	19780103	43	Communication system	375/260	340/7.42; 340/7.46; 375/279; 375/373; 380/34; 455/502; 455/65

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